

Table 1

example	height / μm	tip diameter / nm	number of elements	area / μm^2	areal number density / μm^{-2}	Equilibrium water contact angle / $^\circ$	Integral
1 calculation 1	1,5 1,5	~ 250 ¹⁾ 250	36	4,76	7,5 7,6	171 ⁶⁾	0,055
7 calculation 7	1 ... 3 1,0	200 ²⁾ 200	36	12,04	3 3,0	173 ⁵⁾	0,066
8 calculation 8	~ 1,3 1,3	130 130	36	4,93	8,5 ³⁾ 7,3	173 ⁴⁾	0,134
10 calculation 10-1 calculation 10-2	0,7 0,7 0,7	130 ... 230 141 220	36 25	5,9 1,19	~ 6 ... ~ 20 6,1 21	178	0,066 0,017

comments

1) denoted as "diameter of crowns"

2) denoted as "mean tip diameter"

3) given as "approximately"

4) taken from Fig. 6 in 5,674,592, advancing contact angle = receding contact angle = 173°, no data are given within the text, no equilibrium contact angle is given

5) taken from Fig. 5 in 5,674,592, advancing contact angle = receding contact angle = 173°, no data are given within the text, no equilibrium contact angle is given

6) no equilibrium contact angle is given, advancing contact angle = receding contact angle = 171°